

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

**ANDREAS BACHER ET AL.**

Serial No.: Unknown (*U.S. National Phase of PCT/EP2003/007789*)

Filed: Filed Herewith (*International Filing Date: 7/17/03*)

For: POLYVINYL ALCOHOLS AND POLYVINYL ACETALS  
CONTAINING SILANE

Attorney Docket No.: WAS0676PUSA

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(1)**

Commissioner for Patents  
U.S. Patent & Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and §§ 1.97-1.98, the references listed and identified on the attached Forms PTO/SB08A and/or SB08B are being submitted herewith for consideration by the Examiner. This Statement is being filed in accordance with 37 C.F.R. § 1.97(b)(1).

While this Statement is being filed in compliance with the duty of disclosure, citation of the listed references is not to be construed as an admission that any of the references are "material" as defined under 37 C.F.R. § 1.56(b).

No copies of the listed U.S. patent references or the listed U.S. patent application publication references have been included herewith pursuant to 37 C.F.R. § 1.98(a)(2). All other references have been provided as required. Consideration and entry into the record of the listed references is respectfully requested.

Respectfully submitted,

**ANDREAS BACHER ET AL.**

Date: January 24, 2005

By:   
William G. Conger  
Reg. No. 31,209  
Attorney/Agent for Applicant

**BROOKS KUSHMAN P.C.**  
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Phone: 248-358-4400; Fax: 248-358-3351

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
BACHER ET AL. :  
Serial Number : Group Art Unit:  
Filed: :  
For: :  
SILANE-CONTAINING POLYVINYL ALCOHOLS AND POLYVINYL ACETALS

Information Disclosure Statement

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir or Madam:

I, Michael Schuderer, associated with the preparation and prosecution of the above-identified application, residing at Thurneyssenstraße 22, 80687 München, Germany, wish to call the attention of the Patent Examiner to the references enumerated on the enclosed PTO Form-1449.

I believe the documents enumerated on the enclosed Form PTO-1449 and attached thereto, are cited in the enclosed International Search Report and may be material to the examination of the application.

Therefore, it is respectfully requested that the foregoing Information Disclosure Statement be considered by the Examiner and incorporated into the file of this application.

I wish to comment as follows concerning the prior art references enumerated on PTO Form-1449:

US 5,036,137 is already in English language.

US 4,476,172 is already in English language.

US 4,544,724 is already in English language.

US 3,160,614 is already in English language.

US 4,097,436 is already in English language.

US 6,346,570 B1 is already in English language.

US 6,221,994 B1 is already in English language.

US 6,337,370 B1 is already in English language.

EP 0 581 576 A1 is already in English language.

EP 0 123 927 A2 is already in English language.

EP 0 322 175 A2 is already in English language.

EP 0 656 370 A1 the corresponding US 5,532,329 A in English language is enclosed.

DE 28 30 324 A1 a Derwent abstract in English language is enclosed.

DE 44 02 408 A1 the corresponding US 5,753,733 A1 in English language is enclosed.

DE 101 40 129 A1 the corresponding US 2003/0045633 A1 in English language is enclosed.

DE 198 07 504 A1 the corresponding CA 2319786 in English language is enclosed.

DE 24 12 292 A1 a Derwent abstract in English language is enclosed.

JP-A 06-247760 a Derwent abstract in English language is enclosed.

JP-A 06-248247 a Derwent abstract in English language is enclosed.

JP-A 10-237259 a Derwent abstract in English language is enclosed.

JP-A 62-181305 a Derwent abstract in English language is enclosed.

JP 05-297594 A a Derwent abstract in English language is enclosed.

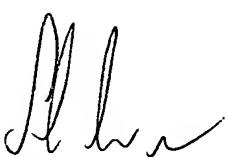
WO 01/09249 A1 is already in English language.

FR 2.105.981 the corresponding GB 1 306 918 in English language is enclosed.

MURAHASHI ET AL.: J. Polymer Sci. B, Polymer Letters 4 (1996), No. 3, Page 187, "Die Synthese alternierender Copolymerisate des Vinylalkohols" corresponds to "The synthesis of alternating copolymers of the vinyl alcohol".

TEZUKA ET AL.: Makromol. Chem. 186 (1985), No. 4, Page 193, "Synthese eines Polyvinylalkohol/Polydimethylsiloxan-Pfropfcopolymeren" corresponds to "The synthesis of a polyvinyl alcohol/polydimethylsiloxan graft copolymers".

Signed this 11 day of January, 2005.



.....  
Dr. Michael Schuderer

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for Form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>				<i>Complete if Known</i>	
				Application Number	Unknown <b>10/522125</b>
				Filing Date	Filed Herewith
				First Named Inventor	ANDREAS BACHER
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	3	Attorney Docket Number	WAS0676PUSA

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>				
	WO	01/09249	A1	Schnee-Morehead	2/8/01		
	EP	0 581 576	A1	Dow Corning	2/2/94		
	EP	0 123 927	A2	Kuraray Co. Ltd.	11/7/84		
	EP	0 322 175		Unilever PLC	6/28/89		
	EP	0 656 370	A1	BASF	6/7/95		
	DE	24 12 292		Dynamit Nobel	9/18/75		
	DE	198 07 504	A1	BASF AG	8/26/99		
	DE	101 40 129	A1	Wacker Polymer	3/13/03		
	DE	44 02 408	A1	Wacker-Chemie	8/3/95		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<p>Substitute for Form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>				<i>Complete if Known</i>	
				Application Number	Unknown <b>10/522125</b>
				Filing Date	Filed Herewith
				First Named Inventor	ANDREAS BACHER
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	2	of	3	Attorney Docket Number	WAS0676PUSA

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Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>				
		JP	6-247760		9/6/94		
		JP	5-297594		11/12/93		
		JP	6-248247		9/6/94		
		JP	10-237259		9/8/98		
		JP	62-181305		8/8/87		
		FR	71.30711	Dow Corning	4/28/72		
		CA	2,319,786 A1		8/26/99		
		GB	1,306,918	Dow Corning	2/14/73		
		DE	28 30 324	Inst. Organitsch.	2/8/79		

Examiner Signature		Date Considered	
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	Unknown <b>10/522125</b>
				Filing Date	Filed Herewith
				First Named Inventor	ANDREAS BACHER
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	3	of	3	Attorney Docket Number	WAS0676PUSA

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Derwent Abstract corresponding to JP 6-247760	
		Derwent Abstract corresponding to JP 5-297594	
		Derwent Abstract corresponding to JP 6-248247	
		Derwent Abstract corresponding to JP 10-237259	
		Derwent Abstract corresponding to JP 62-181305	
		GB 1, 306,918 corresponding to FR 71.30711	
		Murahashi et al., "Synthesis of Alternating Copolymers of the Vinyl Alcohol," J. POLYMER SCI. B.; POLYMER LETTERS 54 (1996), No. 3, p. 187	
		Tezuka et al., "Synthesis of a Polyvinyl Alcohol Polydimethylsiloxane Group Polymers," MAKROMOL. CHEM. 186 (1985), No. 4, p. 193	
		Derwent Abstract corresponding to DE 28 30 324 A1	
		Derwent Abstract corresponding to DE 24 12 292 A1	

Examiner Signature		Date Considered
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